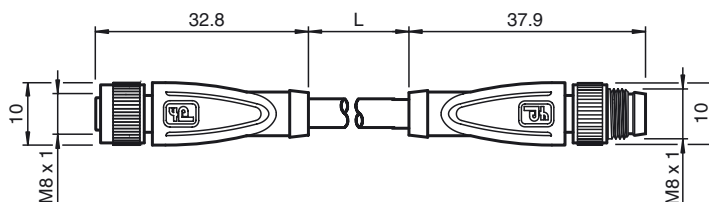




Dimensions



Model Number

V31-GM-1M-PUR-V31-GM
 Connecting cable, M8 to M8, PUR cable 4-pin

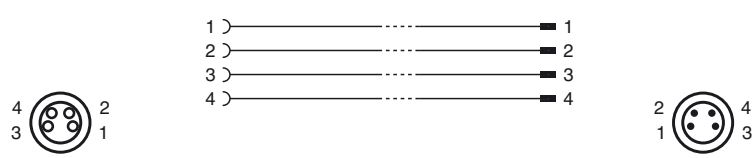
Features

- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold plated contacts
- Halogen-free
- Resistant to microbes and hydrolysis

Technical data

General specifications		
Number of pins		4
Electrical specifications		
Operating voltage	U_B	max. 30 V AC/DC
Test voltage		> 1500 V _{eff} AC
Operating current	I_B	max. 3 A
Volume resistance		< 5 mΩ
Ambient conditions		
Ambient temperature		-40 ... 90 °C (-40 ... 194 °F) cable, fixed: -40 ... 80 °C (-40 ... 176 °F) cable, flexing: -20 ... 80 °C (-4 ... 176 °F)
Pollution Degree		3
Mechanical specifications		
Contact elements		spring-loaded contact socket
Pin diameter		1 mm
Degree of protection		IP67
Material		
Contacts		CuSn / Au
Contact surface		Au
Body		TPU, black
Cable		PUR
Slotted nut		Diecast zinc
Sleeve connector		Diecast zinc
Core insulation		PP
Cable		fine-strand, flexible
Sheath diameter		Ø 4.3 mm
Bending radius		> 15 x cable diameter, induced > 8 x cable diameter, fixed
Color		grey
Cores		4 x 0.25 mm ²
Conductor construction		14 x 0.15 mm Ø
Length	L	1 m
Flammability		
Contact material		94 HB
Housing		94 V-2

Electrical connection



Release date: 2015-05-05 14:27 Date of issue: 2015-05-05 22:4371_eng.xml

Refer to "General Notes Relating to Pepperl+Fuchs Product Information".